

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							February 2002					
BUDGET ACTIVITY 6 - Management support				PE NUMBER AND TITLE 0605301A - ARMY KWAJALEIN ATOLL				PROJECT 614				
COST (In Thousands)				FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
614	ARMY KWAJALEIN ATOLL			147442	148825	132831	139638	142662	146081	148622	Continuing	Continuing
<p><u>A. Mission Description and Budget Item Justification:</u> The U.S. Army Kwajalein Atoll/Ronald Reagan Ballistic Missile Defense Test Site (USAKA/RTS), located in the Republic of the Marshall Islands, is a remote, secure activity of the Major Range and Test Facility Base (MRTFB). Its function is to support test and evaluation of major Army and DoD missile systems, and to provide Space surveillance and space object identification in support of USCINCSpace and National Aeronautics and Space Administration (NASA) scientific and space programs. Programs supported include Army missile defense, Missile Defense Agency (MDA, formerly Ballistic Missile Defense Organization) demonstration/validation tests, Air Force Intercontinental Ballistic Missile (ICBM) development and operational tests, U.S. Space Surveillance Network, and NASA Space Transportation System (Shuttle) and orbital debris experiments. The technical element of USAKA/RTS is the RTS, which consists of a number of sophisticated, one-of-a-kind, radar, optical, telemetry, command/control/communications, and data reduction systems. These systems include the four unique radars of the Kiernan Reentry Measurement Site (KREMS); Super Recording Automatic Digital Optical Tracker (SRADOT) long range video-metric tracking systems; high density data recorders for high data-rate telemetry collected by nine antennas; and underwater acoustic impact location system data analysis/reduction hardware/software. USAKA/RTS is government-owned/contractor-operated (GOCO) and is therefore totally dependent upon its associated support contractors. Program also provides funds for the contractors to accomplish installation operation and maintenance (O&M). Funding is required to maintain minimal O&M support, while accepting moderate risk of continued degradation of USAKA/RTS infrastructure (housing, offices, facilities), higher future repair costs, and reduced logistical support capability, as well as completion of the Kwajalein Modernization and Remoting (KMAR) Program. The KMAR program is a concurrent, range-wide modernization effort to maximize the use of common, standardized commercial off-the-shelf (COTS) technology to replace obsolete components; implement common hardware/software architectures and automation; and "remote" the operation of range sensors and instrumentation to the island of Kwajalein. This effort will upgrade range capabilities that are critical to the success of upcoming Theater Missile Defense (TMD) and Ground-Based Mid-Course(GMD) test missions. KMAR will also reduce USAKA/RTS annual operating costs beginning in FY 2003, as reflected in the reduced funding stream shown above. The Army, Air Force, Navy and MDA (formerly BMDO) have programs planned, which have significant test and data gathering requirements at USAKA/RTS. Air Force programs require firing from Vandenberg Air Force Base, CA with complete data collection during late mid-course and terminal trajectory. MDA programs require range sensors to collect technical data in support of GMD and TMD programs. This test data cannot be obtained except through the use of technical facilities available on and in the vicinity of USAKA/RTS. Program supports CINCSpace requirements for data collection on objects in space. The Advanced Research Project Agency (ARPA) Long-Range Tracking and Instrumentation Radar (ALTAIR), and the Target Resolution Discrimination Experiment (TRADEX) radar located at USAKA/RTS, are two of only three radars world-wide that have deep-space tracking capability. Program supports Air Force's Peacekeeper, Minuteman III, and Delta; MDA's Ground Based Interceptor (GBI), Ground Based Radar (GBR), Battle Management/Command, Control and Communications (BMC3), In-Flight Interceptor Communication System (IFICS)); Army/MDA PAC-3, System Integration of Tests, Family of Systems, Critical Measurements Program, Patriot, and ground-based radar; and NASA's Space Transportation System (STS), Orbital Debris Measurement Program, Small Expendable Deployer System and Orbital Debris Measurement Program; and the Air Force Space and Missile Center's associated programs. This activity supports the Legacy to Objective transition Campaign Plan.</p>												

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<p><u>FY 2001 Accomplishments:</u></p> <ul style="list-style-type: none"> 9725 Provided management support (salaries, training, travel, SMDC matrix, etc.). 3026 Accomplished major maintenance and repair projects, including design, executed by Corps of Engineers (COE). 16909 Procured petroleum, oils and lubricants (POL) and Military Standard Requisitioning and Issue Procedure (MILSTRIP). 3774 Procured other mission operating supplies, equipment, and services. 7102 Provided air and sea transportation (cargo to and from continental United States). 34048 Continued to support Army, MDA, NASA and Air Force development and operational missile testing. Also supported operational missile testing and space surveillance support to CINCSpace. Continued support to Kwajalein Modernization and Remoting (KMAR). 72858 Provided logistical support (facilities maintenance and repair, aviation, automotive, marine, medical, food services, education, information management, etc.) to self contained islands of USAKA. <p>Total 147442</p> <p><u>FY 2002 Planned Program</u></p> <ul style="list-style-type: none"> 10295 Provide management support (salaries, training, travel, SMDC matrix, etc). 4414 Accomplish major maintenance and repair projects, including design, executed by Corps of Engineers (COE). 16540 Procure POL and MILSTRIP. 3367 Procure other mission operating supplies, equipment and services. 8168 Provide air and sea transportation (cargo to and from continental United States). 31541 Continue to support Army, MDA, NASA and Air Force development and operational missile testing. Continue support to KMAR program. 74500 Provide logistical support (facilities maintenance and repair, aviation, automotive, marine, medical, food services, education, information management, etc.) to self contained islands of USAKA. <p>Total 148825</p>		

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

6 - Management support**0605301A - ARMY KWAJALEIN ATOLL****614****FY 2003 Planned Program**

- 9683 Provide management support (salaries, training, travel, SMDC matrix, etc).
- 895 Accomplish maintenance and repair projects, including design, executed by Corps of Engineers (COE).
- 16820 Procure POL and MILSTRIP.
- 3427 Procure other mission operating supplies, equipment and services.
- 8275 Provide air and sea transportation (cargo to and from continental United States).
- 25253 Continue to support Army, MDA, NASA and Air Force development and operational missile testing. Continue support to KMAR program.
- 68478 Provide logistical support (facilities maintenance and repair, aviation, automotive, marine, medical, food services, education, information management, etc.) to self contained islands of USAKA.

Total 132831

<u>B. Program Change Summary</u>	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2002 PB)	151920	150071	134860
Appropriated Value	153326	150071	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	-1246	0
b. SBIR / STTR	-4778	0	0
c. Omnibus or Other Above Threshold Reduction	0	0	0
d. Below Threshold Reprogramming	300	0	0
e. Rescissions	-1406	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	-2029
Current Budget Submit (FY 2003 PB)	147442	148825	132831